

What is claimed is:

1. A vehicle monitoring apparatus comprising:

a camera mounted on a vehicle to pick up a surrounding image of the vehicle; and

5 a monitor screen provided to an interior of the vehicle to display the image picked up by the camera,

wherein the monitor screen is operated when the vehicle is decelerated to a first speed or less, an operation of the monitor screen is stopped when the vehicle is accelerated to  
10 a second speed or more that is lower than the first speed, and the operation of the monitor screen is stopped when the vehicle is accelerated to a third speed or more that is higher than the first speed during an operation of the monitor screen.

2. The vehicle monitoring apparatus according to claim  
15 1, wherein after the operation of the monitor screen is stopped by accelerating the vehicle to the second speed or more, the monitor screen is operated when the vehicle is decelerated to a fourth speed or less that is lower than the second speed.

3. The vehicle monitoring apparatus according to claim  
20 1, wherein the operation of the monitor screen is stopped when a running speed of the vehicle which is between the first speed and a fourth speed that is lower than the second speed is kept for a predetermined time period during the operation of the monitor screen.

25 4. The vehicle monitoring apparatus according to claim

1, wherein supply of a power to the camera is started automatically when the vehicle is decelerated to a fifth speed or less that is higher than the third speed.

5        5.        The vehicle monitoring apparatus according to claim 1, wherein supply of a power to the camera is stopped automatically when the vehicle is accelerated to a sixth speed or more that is higher than the third speed.

10        6.        The vehicle monitoring apparatus according to claim 1, wherein supply of a power to the camera is started automatically when the vehicle is decelerated to a fifth speed or less that is higher than the third speed, and supply of a power to the camera is stopped automatically when the vehicle is accelerated to a sixth speed or more that is higher than the fifth speed.

15        7.        The vehicle monitoring apparatus according to claim 1, wherein the camera picks up images of front left side and front right side of the vehicle.

20        8.        A vehicle monitoring apparatus comprising:  
a camera mounted on a vehicle to pick up a surrounding image of the vehicle; and

a monitor screen provided to an interior of the vehicle to display the image picked up by the camera,

wherein the monitor screen is operated when the vehicle is decelerated to a first speed or less, an operation of the monitor screen is stopped when the vehicle is accelerated to

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a second speed or more that is lower than the first speed, and the monitor screen is operated when the vehicle is decelerated to a fourth speed or less that is lower than the second speed while an operation of the monitor screen is stopped by  
5 accelerating the vehicle to the second speed or more.

9. The vehicle monitoring apparatus according to claim 8, wherein the operation of the monitor screen is stopped when a running speed of the vehicle which is between the first speed and the fourth speed is kept for a predetermined time period  
10 during the operation of the monitor screen.

10. The vehicle monitoring apparatus according to claim 8, wherein supply of a power to the camera is started automatically when the vehicle is decelerated to a fifth speed or less that is higher than the first speed.

15 11. The vehicle monitoring apparatus according to claim 10, wherein supply of a power to the camera is stopped automatically when the vehicle is accelerated to a sixth speed or more that is higher than the fifth speed.

12. The vehicle monitoring apparatus comprising:  
20 a camera mounted on a vehicle to pick up a surrounding image of the vehicle; and

a monitor screen provided to an interior of the vehicle to display the image picked up by the camera,

wherein the monitor screen is operated when the vehicle  
25 is decelerated to a first speed or less, an operation of the

monitor screen is stopped when the vehicle is accelerated to a second speed or more from an area of the second speed or less that is lower than the first speed, and the operation of the monitor screen is stopped when the vehicle is accelerated to  
5 a third speed or more that is higher than the first speed before the speed reaches the second speed or less after the monitor screen is operated by decelerating the vehicle to the first speed or less.

13. The vehicle monitoring apparatus according to claim  
10 12, wherein after the operation of the monitor screen is stopped by accelerating the vehicle to the second speed or more, the monitor screen is operated when the vehicle is decelerated to a forth speed or less that is lower than the second speed before the speed reaches the first speed or more.

15 14. A vehicle monitoring apparatus comprising:  
a camera mounted on a vehicle to pick up a surrounding image of the vehicle; and

a monitor screen provided to an interior of the vehicle to display the image picked up by the camera,

20 wherein the monitor screen is operated when the vehicle is decelerated to a first speed or less, an operation of the monitor screen is stopped when the vehicle is accelerated to a second speed or more that is lower than the first speed, and the operation of the monitor screen is stopped when a running  
25 speed of the vehicle which is between the first speed and a fourth

speed that is lower than the second speed is kept for a predetermined time period during the operation of the monitor screen.

15. The vehicle monitoring apparatus according to claim  
5 14, wherein supply of a power to the camera is started automatically when the vehicle is decelerated to a fifth speed or less that is higher than the first speed.

16. The vehicle monitoring apparatus according to claim  
15, wherein supply of a power to the camera is stopped  
10 automatically when the vehicle is accelerated to a sixth speed or more that is higher than the fifth speed.